

8045-II



Technical data

Basic Function	Range	Basic accuracy	RESOLUTION
DC Voltage	200mV/2V/20V/200V	±(0.05%+5)	210uV/100uV/1mV/10mV
	1000V	±(0.1%+5)	100mV
AC Voltage	200mV	40Hz~1kHz:±(0.7%+30) 1kHz~10kHz:±(2%+30) 10kHz~20kHz:±(3%+60) 20kHz~50kHz:±(10%+250)	10uV
	2V	40Hz~1kHz:±(0.5%+30) 1kHz~10kHz:±(2%+30) 10kHz~20kHz:±(5%+60)	100uV
	20V	40Hz~1kHz:±(0.5%+30) 1kHz~10kHz:±(2%+30) 10kHz~20kHz:±(5%+60)	1mV
	200V	40Hz~1kHz:±(0.5%+30) 1kHz~5kHz:±(2%+30)	10mV
	1000V	40Hz~200Hz:±(0.8%+10) 200Hz~400Hz:±(1.2%+80)	100mV
DC Current	200uA/2mA/20mA/200mA	±(0.35%+10)	0.01uA/0.1uA/1uA/10uA
	2A	±(0.8%+10)	100uA
	20A	±(2.0%+15)	1mA
AC Current	20mA/200mA/2A	±(0.8%+80)	1uA/10uA/100uA
	20A	±(2.5%+35)	1mA
Resistance	200Ω	±(0.5%+30)	0.01Ω
	2kΩ/20kΩ/200kΩ/2MΩ	±(0.5%+40)	0.1Ω/1Ω/10Ω/100Ω
	20MΩ	±(0.6%+50)	1kΩ
Frequency	20Hz~200kHz/200kHz~2MHz/2MHz~20MHz	±(0.1%+3)	0.01Hz~0.1kHz/0.1kHz~0.01MHz
	20nF/200nF/2uF/20uF	±(3.5%+20)	1pF/10pF/100pF/1nF
Capacitance	200uF/2000uF	±(5%+30)	10nF/100nF

4 1/2



Accuracy: ±0.05%
TRUE RMS

RESOLUTION	
Diode test	√
Frequency	√
Resistance	√
Triode test	√
Continuity buzzer	√
Overload protection	√
ACV frequency response	50kHz
Operation way	Manual range
Max. Display	19999
Dimension	260mm*220mm*82mm
Weight	Approx:1Kg
Power	AC220V/110V 47Hz-62Hz

8155



Technical data 5 1/2

Model		8155
Display screen		3.5" TFT LCD (resolution of 320*480)
Number of display digits		5 1/2
Signal terminal		Front
Fastest measuring speed		6 readings/s
Function	No.	Uncertainty, ±(% of reading + least significant digit)
DCV	Uncertainty	0.015%+3
	Measurement range	1 uV~1000 V
	Maximum resolution	1uV
ACV	Uncertainty	0.2%+100
	Measurement range	1 uV~750 V
	Maximum resolution	1uV
DCA	Frequency range	40Hz ~ 100kHz
	Uncertainty	0.05%+10
	Measurement range	0.001 uA ~ 10 A
ACA	Maximum resolution	0.001uA
	Uncertainty	0.3%+400
	Measurement range	0.001 uA ~ 10 A
Resistance	Maximum resolution	0.001uA
	Frequency range	40 Hz ~ 5kHz
	Uncertainty	0.02%+6
Frequency/cycle	Measurement range	0.001Ω ~ 20MΩ
	Maximum resolution	0.001Ω
	Uncertainty	0.1%+3
Capacitance	Measurement range	200Hz ~ 20 MHz
	Maximum resolution	0.001Hz
	Uncertainty	2%+5
Mathematical functions:		Relative measurement, max/min, dB, dBm, reading hold
Data storage/reading		Yes
Interfaces		USB Device, RS232, (Optional : USB Host LAN, Gpib)
Trigger measurement		Yes
Squarewave output		Yes
Fast measurement		Yes
Resistance 4-line measurement		Yes
External trigger measurement		Yes
AC+DC measurement		Yes
Calibration		Yes
On-off/diode		Yes
Limit test function		Yes